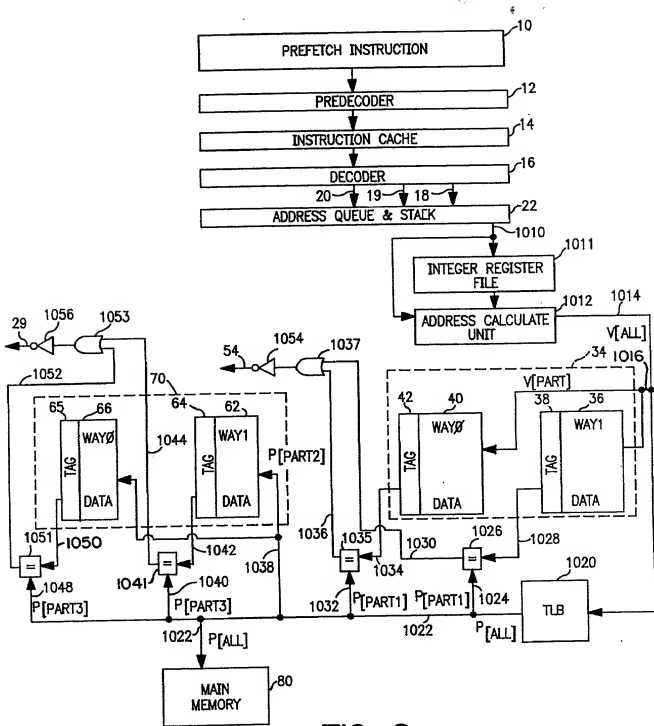


FIG. 1



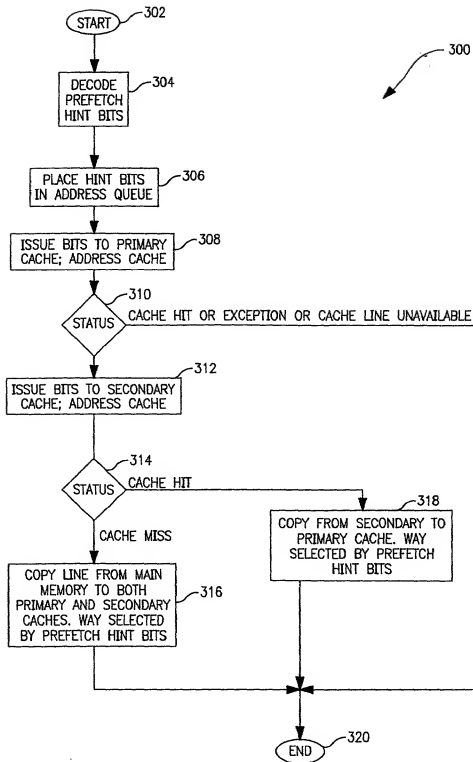


FIG. 3

PREFETCH (HINT = REFILL WAY 0)

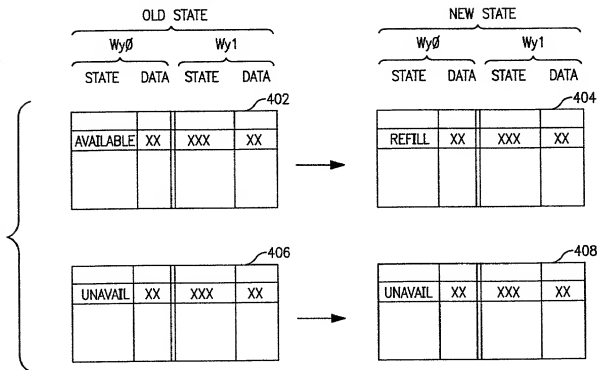


FIG. 4

PREFETCH (HINT = REFILL WAY1)

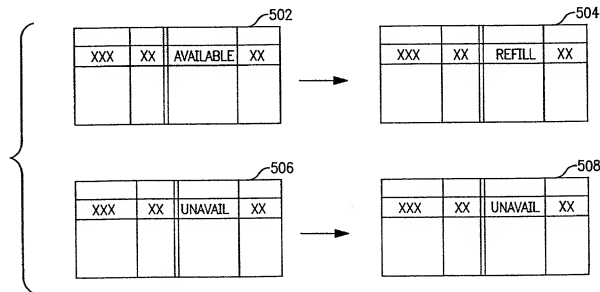
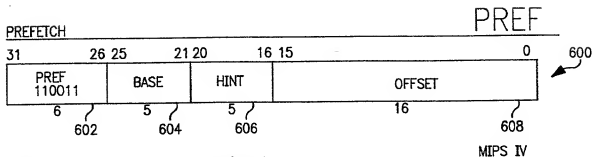
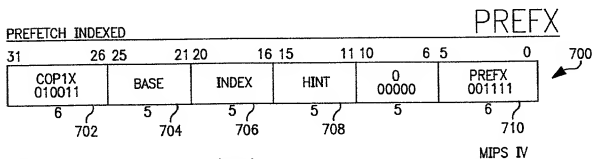


FIG. 5



FORMAT: PREF HINT, OFFSET (BASE)
 PURPOSE: TO PREFETCH DATA FROM MEMORY
 DESCRIPTION: PREFETCH_MEMORY(BASE+OFFSET)

FIG. 6



FORMAT: PREFIX HINT, INDEX(BASE)
 PURPOSE: TO PREFETCH LOCATIONS FROM MEMORY (GPR+GPR ADDRESSING).
 DESCRIPTION: PREFETCH_MEMORY(BASE+INDEX)

FIG. 7



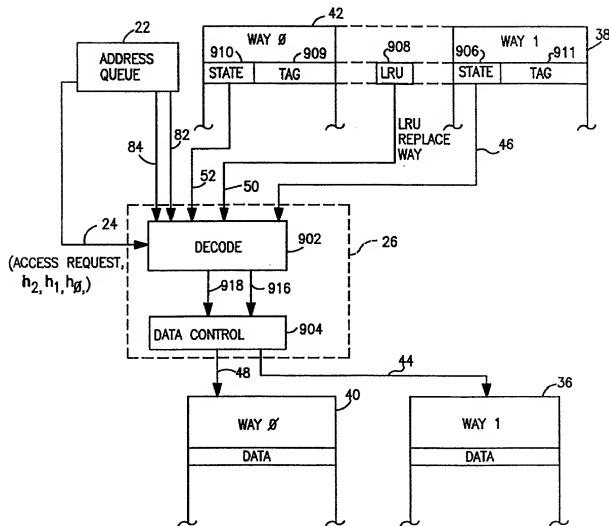
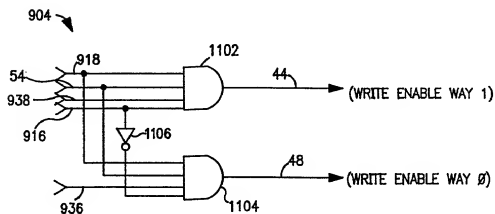


FIG. 9



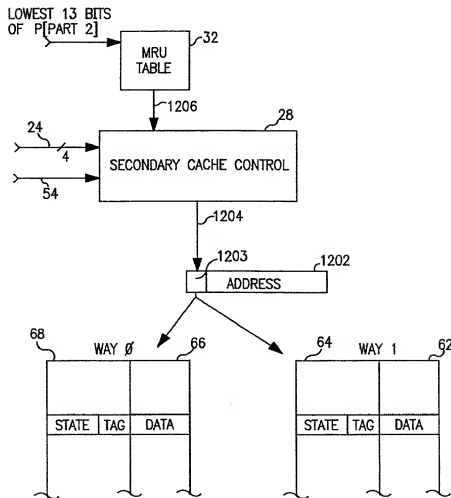


FIG. 12

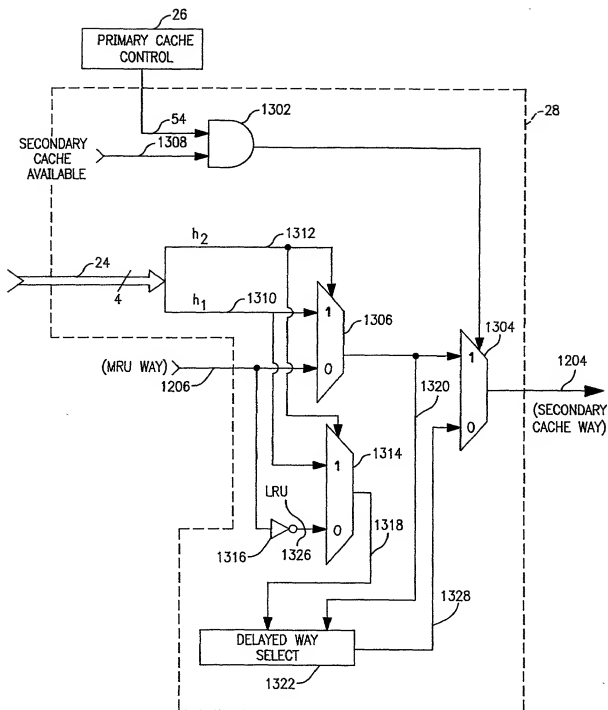


FIG. 13